

### **Newfoundland and Labrador Corporation Limited**

Separated from the Iron Ore Company operations by Wabush Lake the project of Wabush Mines, (Pickands Mather and Company, Managing Agent,) and associates, is scheduled to launch its major construction programme in 1962. By 1965 it is expected that the property will be producing between 5.5 and 6.0 million tons of iron ore concentrates per year. The pilot plant near the minesite has been the focal point of activities during the planning stage. Since it commenced operations in March 1960, it has processed about 100,000 tons of concentrates of which 42,000 were shipped in 1960 and 55,700 in 1961 to partners' steel plants for further test purposes. During the year under review a start was made on housing facilities at the minesite to accommodate the 1,200 construction workers that will be employed on the project. A new, privately-owned, 60-room hotel is now open for business near the townsite and within a short distance of the commercial air terminal (jointly constructed by I.O.C. and W.M.) which is now served by three scheduled air carriers. Track was recently laid along a 20.6 mile route joining Wabush Mines' shipping site (Point Noire, Quebec) to the main Q.N.S.L. line (near Sept Isles, Quebec). The completed townsite will be capable of housing 7,000 persons and the project will, by 1965, have cost a total of more than \$200 million.

In the adjoining area Canadian Javelin Limited conducted additional geological studies of the Julienne Lake area and commenced concentration and smelting tests upon the beneficiating type iron ores occurring there. Forty tons of raw ore were transported by helicopter a distance of 12 miles to the rail head at Wabush. The Company, by drilling in 1957 and 1958, has outlined more than 350 million tons of 36.5 per cent iron ore at Julienne Lake.

### **EXPLORATION ACTIVITIES**

#### **Advocate Mines Limited**

Under the management of Canadian Johns-Manville this company completed a reconnaissance geochemical survey of its total 775 square-mile concession and carried out geological and geophysical surveys of various portions of the area. The Company thus launched a major exploration programme during 1961, at a cost of probably close to \$250,000 and will continue, it is anticipated, in 1962 with a further accelerated survey.

#### **American Smelting and Refining Company**

ASARCO continued their exploration of both the "reduced concession area" and the "A.N.D. Charter Land" area. The latter constitutes a 99-year lease to a 2,000 square mile area extending southwest and northeast of Buchans.

Detailed geochemical and geophysical (magnetic) surveys were conducted at Buchans Junction. A reconnaissance survey was conducted at the Buchans minesite and a detailed survey, in part, 8 square miles, of the "A.N.D. Charter Land" area. Major expenditures have been reported for the necessity for deep interpretation of the magnetic survey. It is reported that a 300 square mile reconnaissance geochemical survey was conducted at Buchans Junction.

#### **Atlantic Coast Copper**

This company completed a reconnaissance survey, about 6 miles square, at the Buchans minesite. A magnetic survey, trenching and sampling was completed in 1961.

#### **M. J. Boylen Engineering**

This organization completed five projects in 1961, to five projects. The underwater concessions (as similar concessions) were completed. The magnetometer survey completed this up with a gravimeter survey. (2) The latter project was geophysical work and the Rambler Mines drilled a large sulphide body 1.5 miles. (4) Winisk Metal Mine Tilt Cove property of the Department of Development Licences out on the optioned Geological Survey was produced from this.

#### **British Newfoundland**

Of work conducted has reported as follows: